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PAR 254

Technical/Consultative Contractor
Services to Improve Production Methods
at Customer's Facility

24 June 1969

Funded June 69

PROJECT AUTHORIZATION REQUEST

PAR 254

24 Jun 69

SUBJECT: Technical/Consultative Contractor Services to Improve Production
Methods at Customer's Facility

TASK/PROBLEM

1. Perform studies and conduct experimental investigations for improvement of production methods and techniques at NPIC that would:
 - a. Permit direct coupling into an integrated National distribution plan, and
 - b. Increase production quality and efficiency.
2. Determine the changes in equipment, material, personnel and/or procedure that would be required to achieve the above.
3. Provide technical and/or consultative services, personnel training support, and samples of materials as available and appropriate to achieve the above.

PROPOSAL

4. Introduction:
 - a. Background. During FY-70, it is anticipated that (1) the National program will acquire color imagery at a previously unprecedented level, and (2) substantive improvements will be realized in the quality of the original acquisition film(s) and in methods and materials available for duplicating them.
 - b. In accordance with recent discussions between contractor and customer personnel, it was agreed that further substantive work was necessary to integrate the above materials into a viable production system at the requiring agency.

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c. As a result of extensive investigation and development under other contractor effort, a number of changes in black and white original and duplication materials and procedures have recently been initiated under the existing distribution plan. In addition, it is expected that a number of other changes will be initiated in FY-70 that will result in substantive improvements in the requiring agency's production output, if they are appropriately integrated into the production plan.

5. General Approach. It is proposed that the contractor initiate immediate efforts to:

a. Select and evaluate materials and processes that would be suitable for developing credible methods for production of second- and/or third-generation color-corrected color negative and/or positive film duplicates which will be designed for direct integration into b.(1) below.

b. In cooperation with the requiring agency, develop the following:

(1) A color production system capable of direct integration with the output of a. above.

(2) Methods and techniques for integrating enhanced black and white original and duplicate materials into an improved production system at the requiring agency's location.

c. Prepare and conduct a training program for appropriate personnel at the requiring agency in the procedures required to accomplish b. above.

d. Conduct detailed analyses of existing black and white and color reproduction methods, and determine what significant changes in equipment, materials, personnel and/or procedure would be necessary to achieve higher quality and result in more efficient production procedures.

6. If approved, this PAR will become active on 30 June 1969 and will cover a 12-month period through 30 June 1970. Effort will be documented by the submission of monthly and quarterly reports, interim reports when applicable, and a final report.